Subject Index to Volume 18

Acidosis, chronic metabolic, enteral supplementation effect, rat, 243
Acknowledgment of reviewers, 203
Acute phase response, dietary restriction effect, malnourished rat, 510
Adipose tissue
  lipoprotein lipase activities in, TPN-fed rat, 503
  subcutaneous, mini-liposuction biopsy technique, 466
Admixture
  automated compounders for, adverse events related to (letter), 385
  total nutrient, histamine receptor antagonists and lipid stability in, 308
  vitamin-Intralipid, vitamin stability, pediatric patients, 234
American Society for Parenteral and Enteral Nutrition
  presidential address, 291
  1993 research workshop, body composition, 91
Amino acids
  alterations, during postinjury metabolism, dog, 549
  biliary secretion, effect of amino acid infusion, rat liver, 119
  comparison of commercial solutions, premature neonates, 404
  effect on bile flow, isolated rat liver (letters), 385
  free, glutamine-supplemented TPN effect, skeletal muscle, postsurgical patients, 320
  infusion, biliary amino acid and glutathione secretion in response to, rat liver, 119
Amino acid solution, arginine-enriched, muscle glutamine concentration and, tumor-bearing rat, 491
Anemia, related to copper deficiency, long-term enteral nutrition, 185
Antipyrine, clearance, surgical patients maintained on hypocaloric peripheral parenteral nutrition, 544
Arginine, renal production, glutamine-enriched enteral diet effect, rat, 422

Bacteria, translocation, modulatory role of gut hormones in, rat, 159
Bile flow, amino acid infusions and, isolated rat liver (letters), 385
Bioelectrical impedance, body composition assessed by, comparison, skinfold anthropometry, 427
Body composition
  assessment, skinfold anthropometry *vs* bioelectrical impedance, 427
  research and clinical advances, 1993 A.S.P.E.N. research workshop, 91
Body mass index, in amputees, 355
Book reviews, 87, 199, 283, 377
Burn injury, prediction of total urinary nitrogen in (letters), 285

Cachexia
  cardiac, nutrition management in patients with, 409
  parenteral *vs* enteral nutrition, tumor-bearing rat, 148
  refeeding, hypophosphatemia during enteral phosphate supplementation, 182
Calcium balance, fiber source and, enteral formula-fed rat, 340
Cancer
  cachexia, parenteral *vs* enteral nutrition, tumor-bearing rat, 148
  muscle glutamine concentration, arginine-enriched solution effect on, tumor-bearing rat, 491
Candida, oral, gastrostomy tubes colonized by, 264
Catheter
  central venous
    creation of subcutaneous tunnel for, 81
    peripherally inserted, fracture and embolization of, 79
    pinch-off syndrome as complication of, 531
  femoral, infection rates related to, TPN patients, 71
  infection rate and (letters), 560
  long-term Silastic, chest pain associated with, 240
  multi-lumen, infection rates related to, TPN patients, 71
  subclavian, infection rates related to, TPN patients, 71
Catheter occlusion
  sodium hydroxide for clearing of (letters), 90
  three-in-one admixtures *vs* SPLIT infusions, pediatric home PN patients, 177
Catheter removal, predictive factors, infections in HTPN patients, 297
Catheter sepsis, risk factors for, HPN patients, 256
Chest pain, long-term Silastic catheters and, case reports, 240
Cholestasis, effect of amino acid infusion on, isolated rat liver (letters), 385
Cholesterol, enteral nutrition effect, continuous *vs* discontinuous infusion, 331
Clostridium difficile, soy fiber supplementation effect, hamster, 55
Colon, failed absorption, famine, fiber, fatty acids and, 4
Compounder, automated, parenteral nutrition admixtures (letter), 385
Congestive heart failure, preoperative and postoperative nutrition management, 409
Copper, deficiency
  anemia and neutropenia associated with, long-term enteral nutrition, 185
  pancytopenia with, TPN patient, 190
Creatinine height index, lean body mass and, type I diabetes, 50
Crohn's disease, ileal resection, bioavailability of magnesium diglycinate *vs* magnesium oxide, 430
Current summaries, 83, 193, 280, 380, 469, 557
Cysteine, plasma concentrations, TPN-fed preterm neonates, 404
Cystic fibrosis, energy expenditure, feeding-induced changes, pediatric patients, 497
Cytochrome P-450, hepatic
  parenteral nutrition effect, review, 458
  TPN effect, rat, 458

Diabetes mellitus
  insulin-dependent, creatinine height index and lean body mass in adults with, 50
  sebacate infusion in patients with, 9
Diarrhea
  Clostridium difficile-related, soy fiber supplementation effect, hamster, 55
  enteral nutrition-associated, reduction by soluble fiber, 486
  fiber fermentation effect, starvation victims, 4
Dicarboxylic acids, as energy substrates, in parenteral nutrition (editorial), 1
Diet restriction, α2-macroglobulin response and, during acute phase response, rat, 510
Dodecanedioic acid, pharmacokinetic profile and urinary excretion, rat, 225
Duodenal mucosa, morphologic and cytoproliferative patterns, after long-term TPN, 351

Editorials
  Dicarboxylic acids as energy substrates in parenteral nutrition, 1
  Metabolic effects of long-chain and medium-chain triglyceride emulsions in humans, 396
  The pathophysiologic significance of alterations in intestinal permeability induced by total parenteral nutrition and glutamine, 289
Elemental diet
  bacterial translocation induced by, gut hormones role, rat, 159
  effect on TPN-induced gut atrophy, rat, 75
  intraduodenal infusion, pancreatic secretory response to, rat, 335
  long-term ingestion, mucosal immunity altered by, rat, 141
Emulsion, soybean oil fat, vitamin stability of, pediatric patients, 234
End-jejunostomy syndrome, adjunctive role of octreotide in HPN-managed patients with, 26
Endotoxemia, mucosal atrophy during, glutamine supplementation effect on, rat, 167
Energy expenditure
  estimation from clinical variables, trauma and sepsis patients, 398
  feeding-induced changes, cystic fibrosis patients, 497
Energy substrates, dicarboxylic acids as, in parenteral nutrition (editorial), 1
Enteral nutrition
  accuracy of pumps evaluated, 359
  anemia and neutropenia due to copper deficiency in, 185
  cholesterol lowering effect, continuous *vs* discontinuous infusion, 331

diarrhea associated with, reduction by soluble fiber, 486
effect on TPN-induced hepatic steatosis, rat, 20
evaluation, tumor-bearing rat, 148
fiber source effect on fecal output, mineral balance, and growth rate, rat, 340
glutamine-enriched, renal arginine production increased by, rat, 422
intestinal placement of pH-sensing feeding tubes, cost-effectiveness, 67
peptide-based, closed *vs* open systems for delivery of, 453
pH sensor *vs* standard feeding tube, randomized study, 154
triacetin effect, gut mucosa and plasma substrates, rat, 208
tube-fed emulsions, droplet size and composition, rat, 534
Enteral pump, *in vitro* performance, 359
Errata, 195
Esophagus, mucosal bridge formation, as complication of nasoenteral feeding tube, 278

Fatty acids
deficiency, topical vegetable oils failure in prevention of, 274
free
kinetics of, normal subjects and surgically stressed patients, 134
release, hydrolysis of medium- and long-chain triacylglycerol and, 112
n-3 to n-6 ratio, immunoregulatory influence, rat heart allotransplantation, 417
short chain, fiber digestibility and, 14
starvation diarrhea related to depletion of, fiber effect on colonic absorption, 4
Fecal weight, fiber source and, enteral formula-fed rat, 340
Feeding tube
nasoduodenal, prediction of successful placement, 525
nasoenteric, mucosal bridge formation in esophagus caused by, 278
percutaneous endoscopic gastrostomy, colonization by oral *Candida*, 264
pH-sensing nasointestinal, intestinal placement of, 67
with pH sensor feature, randomized study, enteral nutrition patients, 154
Fiber
digestibility, comparison, wheat bran and vegetable fiber, 14
fermentation, colonic absorption and, starvation victims, 4
soluble, diarrhea incidence reduced by, enterally fed patients, 486
Fuel substrate, dodecanedioic acid proposed as, rat, 225

Gastrointestinal tract, alterations of mucosal immunity, after long-term elemental diet, rat, 141
Gastrostomy, feeding tube, colonization by oral *Candida*, 264
Glucose
alterations, during postinjury metabolism, dog, 549
intraportal infusion, hepatic innervation effect on disposition of, dog, 248
metabolism, intravenous sebacate effect, obese, diabetic and normal men, 9
peripheral metabolism, effect of increased fatty acid availability, healthy men, 436
whole-body metabolism, thiamine-deficient rat model, 104
Glutamine
effect on hepatic steatosis, TPN-fed rat, 40
effect on phagocytosis and bacterial killing, burn patient neutrophils, 128
enteral supplementation, effect on chronic acidosis, rat, 243
muscle concentration, effect of arginine-enriched solution, tumor-bearing rat, 491
supplemental
effect on free amino acids in skeletal muscle, postsurgical patients, 320
enteral, renal arginine production increased by, rat, 422
gut mucosa integrity improved by, endotoxemic rat, 167
intestinal permeability and, TPN patients (editorial), 289
organ growth and nitrogen metabolism effect in TPN-fed neonatal pig, 313
stability and safety, home TPN patients, 268
tumor growth immunoregulation enhanced by, 471
TPN-induced increases in intestinal permeability prevented by, rat, 303
Glutathione, effect of amino acid infusion on secretion of, isolated rat liver, 119
Growth rate, fiber source and, enteral formula-fed rat, 340
Gut atrophy, TPN-induced, elemental diet effect, rat, 75
Gut hormones, modulatory role, elemental diet and TPN-induced bacterial translocation, rat, 159
Gut mucosa
metabolism, glutamine supplementation effect on, endotoxemic rat, 167
protein synthesis, comparison of intravenous nutrients, TPN-fed rat, 447
triacetin effect on, rat, 208

Head trauma, metabolic rate of patients with, 521
Heart, lipoprotein lipase activities in, TPN-fed rat, 503
Hepatectomy, partial, parenteral monacetoacetin and liver regeneration after, rat, 219
Histamine receptor antagonists, stability of, in total nutrient admixtures, 308
Hyperglycemia, ketone bodies effect, during hemorrhagic stress, rat, 442
Hypermetabolism, severe head trauma characterized by, 521
Hypoglycemia, insulin-induced, gut-derived proteolysis during, dog, 549
Hypophosphatemia, during enteral supplementation of phosphate, cachectic patients, 182

Ileocecitis, *Clostridium difficile*-related, soy fiber supplementation effect, hamster, 55
Immunoregulation, by parenteral lipids, impact of n-3 to n-6 fatty acid ratio, rat, 417
Infection, catheter-related
effect of type and site, TPN patients, 71
HTPN-associated, prediction of need for catheter removal, 297
Intestinal permeability
alterations, TPN and glutamine induced, significance of (editorial), 289
TPN effect, rat, 346
TPN-induced changes, prevention by glutamine, rat, 303
Intestinal resection, duodenal mucosa recovery after, long-term TPN patients, 351
Iron balance, fiber source and, enteral formula-fed rat, 340

Jonathan E. Rhoads Lecture, 387

Ketone bodies
effect on hyperglycemia and lactic acidemia, during hemorrhagic stress, rat, 442
parenteral infusion, hepatic energy status and, regenerating rat liver, 326
Kidney
acute failure, new experimental model, rat, 477
selenium homeostasis, impairment, long-term TPN, 231

Lactic acidemia, ketone bodies effect, during hemorrhagic stress, rat, 442
Lean body mass, urinary creatinine excretion and, type I diabetes, 50
Letters to the editor, 90, 285, 385
Lipid
enteral nutrition effect, continuous *vs* discontinuous infusion, 331
metabolism, TPN effect, rat, 503
parenteral, immunoregulation by, rat heart allotransplantation, 417
stability, in total nutrient admixtures, 308
Lipid emulsion
long- and medium-chain triglycerides, metabolic effects in humans (editorial), 396
long- or medium-chain triglycerides, peripheral glucose metabolism inhibited by, 436
long-chain predominant, tumor necrosis factor production impaired by, rat macrophage, 35
medium chain and long chain triacyglycerol, hydrolysis of, 112
Lipid formula, digestion and absorption, effect of droplet size and composition, rat, 534
Lipoprotein lipase, TPN effect on, rat adipose tissue and heart, 503
Lipoproteins, enteral nutrition effect, continuos *vs* discontinuous infusion, 331
Liver
amino acid infusion, biliary amino acid and glutathione secretion in response to, 119
cholestatic effect of amino acid infusions, rat (letters), 385
cytochrome P-450 content, TPN effect, rat, 458

dietary nucleotides effect on growth and compostion of, weanling mouse, 62
energy status, TPN effect, after partial hepatectomy, rat, 326
hepatic denervation, mixed meal dispostion and, dog, 248
regeneration
energy production-cell proliferation relationship, TPN-fed rat, 326
parenteral nutrients and, after partial hepatectomy, rat, 219
steatosis
glutamine effect on TPN-fed rats with, 40
TPN-induced, enteral feeding effect, rat, 20
Lymphocyte transport, elemental diet effect, rat, 141

α2-Macroglobulin, dietary restriction effect, during acute phase response, malnourished rat, 510
Magnesium, depletion, bioavailability of magnesium diglycinate *vs* magnesium oxide, ileal resection patients, 436
Magnesium balance, fiber source and, enteral formula-fed rat, 340
Magnesium diglycinate, bioavailability, comparison, magnesium oxide, ileal resection patients, 430
Malnutrition
preoperative and postoperative nutrition managements, congestive heart failure, 409
protein-calorie, methotrexate pharmacokinetics and, rat, 45
protein-energy, hypophosphatemia during phosphate supplementation in patients with, 182
Metabolic rate
mechanically ventilated patients with severe head trauma, 521
prediction by clinically obtained variables, correlation with measured energy expenditure, trauma and sepsis patients, 398
Methotrexate, pharmacokinetics, protein-calorie malnutrition effect on, rat, 45
Mini-liposuction, percutaneous fat biopsy by, obese patients, 466
Mixed meal, hepatic disposition of, hepatic-innervated and denervated dogs, 248
Monoacetoacetin, parenteral, after partial hepatectomy, rat, 219
Mucous gel, luminal, TPN effect, rat, 346
Muscle
free amino acids in, long-term effect of TPN glutamine supplementation, postsurgical patients, 320
protein synthesis, arginine-enriched solution effect, tumor-bearing rat, 491

Neutropenia, related to copper deficiency, long-term enteral nutrition, 185
Neutrophils, phagocytosis and bacterial killing by, glutamine effect, pediatric burn patients, 128
Nitrogen
metabolism, glutamine supplementation effect, TPN-fed neonatal pig, 313
urinary, in predicting total urinary nitrogen, burn patients (letters), 285
Nitrogen balance
fiber source and, enteral formula-fed rat, 340
insulin and amino acids effect, postoperative patients, 214
obese hospitalized patients receiving hypocaloric TPN solution, 203
Nucleotides, effect on hepatic growth and composition, weanling mouse, 62
Nutrition support
hemodynamic and metabolic effects, cardiac cachexia, 409
hypocaloric peripheral parenteral nutrition, antipyrine clearance, surgical patients, 544
Nutrition therapy, role in wound healing, 367

Obesity
evaluation, body mass index in amputees, 355
hypocaloric TPN solution in hospitalized patients with, 203
percutaneous adipose tissue biopsy, mini-liposuction technique, 466
sebacate infusion in patients with, 9
Occlusion, venous, intravascular stent role, acute superior vena cava syndrome, 362
Octreotide, as adjunct to HPN, patients with permanent end-jejunostomy syndrome, 26
Oral refeeding, duodenal mucosa recovery after, long-term TPN patients, 351
Organ growth, glutamine supplementation effect, TPN-fed neonatal pig, 313

Pancreas, secretory response, elemental *vs* polymeric defined-formula diet, rat, 335
Pancytopenia, copper deficiency with, during TPN, 190
Parenteral nutrition
dicarboxylic acids as energy substrates (editorial), 1
evaluation, tumor-bearing rat, 148
home
octreotide as adjunct to, end-jejunostomy syndrome patients, 26
risk factors for recurrent sepsis, 256
hypocaloric peripheral, antipyrine clearance, surgical patients, 544
long-term, failed prevention of essential fatty acid deficiency, 274
proposed terminology for (letter), 285
three-in-one admixtures, central line occlusion with, home pediatric patients, 177
total
arginine-enriched solution effect on muscle protein synthesis, tumor-bearing rat, 491
bacterial translocation induced by, gut hormones role, rat, 159
catheter type and site-related infections, 71
catheter type and site-related infections (letters), 560
chest pain with long-term Silastic catheters, 240
comparison of intravenous nutrients on gut mucosal protein synthesis, TPN-fed rat, 447
copper deficiency with pancytopenia during, 190
effect on hepatic cytochrome P-450, rat, 458
effect on lipid metabolism, rat, 503
elemental diet effect on associated gut atrophy, rat, 75
energy charge and mitotic acitivity during, regenerating rat liver, 326
enteral feeding effect on hepatic steatosis induced by, rat, 20
glutamine effect on hepatic steatosis in rats receiving, 40
glutamine effect on increased intestinal permeability induced by, rat, 303
glutamine-supplemented, endotoxemic rat, 167
glutamine supplemented, intestinal permeability induced by (editorial), 289
home, catheter-related infections associated with, 297
L-glutamine supplementation in patients receiving, 268
hypocaloric solution, efficacy in obese patients, 203
long-term, morphologic patterns of duodenal mucosa after, 351
long-term, selenium renal homeostasis in, 231
small intesine permeability increased by, rat, 346
Pediatrics
comparison of commercial amino acid solutions, preterm neonates, 404
cystic fibrosis, feeding-induced changes in energy expenditure, 497
fracture and embolization of central venous catheter, infant, 79
glutamine effect on burn patient neutrophils, 128
home PN patients, central line occlusion with three-in-one admixtures, 177
stability of vitamin admixtures, 234
supplemental glutamine effect, TPN-fed neonatal pig, 313
validity of adjusted urinary urea nitrogen, normal children, critically ill children, and preterm neonates, 172
Peptide, -based enteral diet, closed *vs* systems for delivery of, 453
pH, sensor feature, nasoenteric feeding tube with, randomized study, 154
Phagocytosis, glutamine effect, burn patient neutrophils, 128
Phosphate, enteral supplementation, hypophosphatemia during, cachectic patients, 182
Pinch-off syndrome, central venous catheter occlusion caused by, 531
Polymeric defined-formula diet, intraduodenal infusion, pancreatic secretory response to, rat, 335
Protein, synthesis, comparison of intravenous nutrients, gut mucosa, TPN-fed rat, 447
Proteolysis, gut-derived, during insulin-induced hypoglycemia, dog, 549

Radiography, feeding tube placement by, predictive indicators, 525

Sebacate, intravenous, glucose metabolism and, obese, diabetic and normal men, 9
Selenium, renal homeostasis, impairment, long-term TPN, 231
Sepsis
acute renal failure and, new experimental model, rat, 477
prediction of metabolic rate by clinically obtained variables, correlation with measured energy expenditure, 398

recurrent, risk factors, HPN patients, 256
Skinfold anthropometry, body composition assessed by, comparison, bioelectrical impedance, 427
Sodium bicarbonate, effect on protein catabolism, acute renal failure and sepsis, rat, 477
Sodium hydroxide, catheter patency restored by (letters), 90
Soy fiber, supplementation, *Clostridium difficile* infection delayed by, hamster, 55
Starvation, refeeding diarrhea associated with, effect of fiber fermentation, 4
Stent, intravascular, acute superior vena cava obstruction managed by, 362
Stomach, colonization by oral *Candida*, patients with PEG tubes, 264
Stress
  hemorrhagic, ketone bodies effect on hyperglycemia and lactic acidemia, rat, 442
  surgical, kinetics of medium-chain triglycerides and free fatty acids during, 134
Subcutaneous tunnel, uterine sound method for creation of, long-term venous catheters, 81
Superior vena cava syndrome, intravascular stents in management of, 362

Thiamine, diet-induced deficiency, nutritional and metabolic characterization, rat, 104
Trauma
  prediction of metabolic rate by clinically obtained variables, correlation with measured energy expenditure, 398
  surgical, glutamine-supplemented TPN effect on free amino acids in muscle, 320
Triacetin, effect on gut mucosa and metabolic substrates, rat, 208
Triacylglycerol, mixed lipid emulsions containing, hydrolysis of, 112
Triglyceride
  long- and medium-chain
    inhibition of peripheral glucose metabolism by, 436
    metabolic effects of lipid emulsions with (editorial), 396
  medium-chain, kinetics of, normal subjects and surgically stressed patients, 134
  short-chain, triacetin effect on gut mucosa and metabolic substrates, rat, 208
Tumor, growth immunoregulation, oral glutamine effect, 471
Tumor necrosis factor, lipid emulsion effect on production of, rat macrophage, 35
Tyrosine, plasma concentrations, TPN-fed preterm neonates, 404

Urea nitrogen, urinary, correlation of total and adjusted values, pediatric patients, 172
Uterine sound, subcutaneous tunnel created by, long-term venous catheters, 81

Vegetable oils, cutaneous application, attempted treatment of essential fatty acid deficiency by, 274
Vitamin, stability, soybean oil fat emulsion, pediatric patients, 234

Wound healing, role for nutrition therapy in, 367

Zinc balance, fiber source and, enteral forumla-fed rat, 340

Author Index to Volume 18

Abumrad NN, 1, 104, 214, 549
Afonso JJ, 55
Akhtar S, 477
Albina JE, 367
Alexander JW, 128
Allison DB, 87, 88, 89
Almar M, 544
Almdal T, 50
Alvarez M, 297
Ament ME, 231, 297
Andris DA, 531
Apour CS, 381
Armand M, 534
Arya G, 35
Asher J, 248
Assimon SA, 447
Ausman R, 531
Awad S, 214

Bacon M, 385
Badellino MM, 398
Bagley SM, 398
Bailey JW, 208
Baker RD, 377
Baker SS, 201, 283
Barbara L, 351
Barness LA, 62
Bartlett D, 45
Bastard, J, 466
Beau P, 331
Bech F, 362
Bell SJ, 193, 381
Benya RV, 199, 378
Bergström UK, 234
Berry S, 67
Bhadra S, 20
Biasco G, 351
Binder C, 50
Birkhahn RH, 214
Birkhahn RL, 326
Bisset GS III, 79
Bistrian BR, 385
Blecher C, 417
Blossom S, 471
Bode BP, 83, 280
Boehm KA, 172, 285
Boermeester MA, 422
Borel P, 534
Botoman VA, 154
Bower R, 67
Brennan MF, 268
Brown P, 268
Brown RO, 274
Buchman AL, 231, 278, 297
Burge J, 71, 560
Burge JC, 203
Burnes JU, 256
Burrin DG, 313

Caenaro G, 409
Calò MA, 409
Carnielli VP, 404
Carpentier YA, 112
Carver JD, 62
Castagneto M, 9, 134, 225
Chance WT, 148
Charland SL, 45, 458
Chen K, 167
Chen WJ, 40
Cherrington AD, 248
Chevreau N, 340
Chiu MH, 326
Choban P, 71, 560
Choban PS, 203
Choi DM, 55
Cioffi WG, 286
Cohen S, 466
Collier P, 274
Cuevas J, 466
Culebras JM, 544
Curtas S, 240

Dahl GB, 234
Dave H, 199
Davis C, 67
De Gaetano A, 9, 134, 225
De Leeuw I, 427
Deckelbaum RJ, 112
Deitch EA, 159
Di Febo G, 351
Dietscher JE, 359
Don SH, 55
Drews D, 447
Driscoll DF, 385
Dutot G, 534

Earl-Salotti GL, 458
Ekelund M, 503
Ekstrom U, 503
Elia M, 510
Elmore MF, 453
Endert E, 436
Erdman SH, 177

Fahr MJ, 471
Fischer JE, 20, 148
Flancbaum L, 71, 203, 560
Fleming CR, 26
Flinkerbusch EL, 422
Foley-Nelson T, 148
Forse RA, 381
Foulks CJ, 359, 525
Frankel WL, 55
Frankenfield DC, 398
Fredstrom SB, 14
Fuessenich C, 486
Fujii M, 346
Fukuzawa M, 346
Funk MA, 340

Gangeri G, 134
Garcia VF, 35
Garleb KA, 340
Goldstein RE, 248, 281
Gonzalez-Gallego J, 544
Gonzalez-Sastre M, 544
Goodarzi S, 398
Goodson B, 297
Goon A, 203
Gornbein J, 297
Gottlieb K, 264
Greco AV, 9, 134, 225
Green GM, 335
Grill BB, 177
Grimm H, 417
Grinnell CD, 119
Guan D, 335

Hainque B, 466
Hanlon MD, 525
Hanson K, 377
Harden J, 71
Hardin J, 560
Haskel Y, 159
Hatton J, 308
Helms RA, 172
Helton S, 383
Helton WS, 289
Herzog F, 297
Heymsfield SB, 87, 88, 89, 91, 283, 409
Hiraide A, 442
Hirose S, 185
Hirsch J, 308
Holstad S, 308
Homann H-H, 486
Hornsby-Lewis L, 268
Horswill CA, 497
Houdijk APJ, 422
Huang PC, 40
Huijmans JGN, 404

Ibáñez J, 521
Iber FL, 264
Iiboshi Y, 346
Imaeda H, 141
Isoda K, 185

Janghorbani M, 430
Jardel C, 466
Jenningsa G, 510
Johnston DA, 90
Jorquera F, 544
Joshi S, 243
Jung H-J, 14
Jus P, 409

Kalil R, 214
Kamata S, 346
Katayama M, 442
Kearns PJ, 285
Kemen M, 486
Kemp L, 71, 560
Kennedy M, 346
Kien CL, 497
Kimura H, 141
Kinnander NJG, 234
Kinney JM, 112
Kirtland SH, 154
Kishino Y, 491
Kitazato K, 491
Klang M, 268
Klein S, 396
Klimberg VS, 471
Klurfeld DM, 55
Knoll DM, 453
Kopple JD, 477
Kornbluth J, 471
Kramer JM, 177
Krzywda EA, 531
Kudsk KA, 274
Kuhlmann MK, 477

Labat J, 331
Lacy J, 67
Lafont H, 534
Lairon D, 534
Lampe JW, 14
Lang CH, 1, 104
Langer K, 404
Langkamp-Henken B, 303
Langston C, 313
Lashner BA, 430
Lee F-H, 55
Leef J, 362
Leskiw MJ, 447
Leya J, 264
Li B-G, 128
Li J, 303
Linz DN, 79
Lipman TO, 284, 379
Livak A, 264
Lochs H, 182
Lu Q, 159
Luer M, 308
Lynch JW, 208

Maasarani E, 477
Maher MM, 199
Maier-Dobersberger T, 182
Malhotra D, 355
Mao J-X, 128
Martindale RG, 81
Martinez C, 544
Mathisen Ø, 385
Matsumara KAO, 185
Matthews D, 91
McCoy KS, 497
McElwee CL, 177
Melin C, 534
Messersmith R, 362
Miglioli M, 351
Miles JM, 208, 396
Milner EA, 286
Mingrone G, 9, 134, 225
Mirtallo J, 71, 560
Miura S, 141
Miyauchi Y, 167
Mobarhan S, 264
Molina PE, 104, 549
Moore MC, 248
Moss RL, 154
Moukarzel A, 231, 297
Mukau L, 75
Mulloy RH, 560
Murphy LM, 200
Murrell J, 248
Myers N, 104

Nagao M, 491
Neal D, 248
Neeser G, 112
Newmark SR, 89
Nezu R, 190, 346
Nilsson-Ehle P, 503
Noel JG, 128
Norrlind B, 417
Novak DA, 62
Nussbaum M, 67
Nussbaum ME, 469, 557
Nussbaum MS, 20, 194

O'Keefe SJD, 26, 256
Ogle CK, 128
Ogle JD, 128
Ohkubo N, 141
Ohta H, 335
Ohwada K, 491
Oka T, 491
Okada A, 190, 346
Okamura K, 167
Okuma T, 167
Omert LA, 398
Orr M, 67

Paccagnella A, 409
Paganelli GM, 351
Pagliassotti MJ, 248
Pasquier B, 534
Passaro ME, 240
Pasulka PS, 377
Patron A, 355
Pearlstone D, 268
Pennington CR, 90
Peterson ME, 26
Petersson B, 320
Phinney SD, 87
Pironi L, 351
Pollack P, 297
Provost PS, 385

Quebbeman EJ, 531

Rafferty JF, 20
Raguso C, 134, 225
Raguso CA, 9
Rassin DK, 119
Raurich JM, 521
Reyen L, 297
Riella MC, 214
Roediger WEW, 4
Rombeau JL, 55
Romijn JA, 436
Rosenblum J, 362
Rosenfalck AM, 50
Roth B, 503
Roth JA, 55
Ruggeri E, 351

Sacks GS, 274
Salandin V, 409
Santucci R, 351
Satani M, 190
Sato N, 112
Sauer PJJ, 404
Sauerwein HP, 90, 422, 436
Sax H, 86
Sax HC, 380, 470, 559
Schaeffer R, 471
Schluter MD, 447
Schoettker P, 67
Schuette SA, 430
Schulte W, 531
Schwemmle K, 417
Seidner DL, 240
Senft M, 534
Senkal M, 486
Serizawa H, 141
Sganga G, 134
Shahmir E, 477
Shattuck KE, 119, 385
Shike M, 268
Shiozaki H, 141
Shulman RJ, 313
Siegel JH, 398
Simini G, 409
Simon J, 128
Sitzmann JV, 75
Slavin JL, 14
Smith RM, 104
Snorgaard O, 50
Sousa MF, 214
Stahlgren LH, 303
Stallion A, 148
Steiger E, 240
Stein TP, 447
Storm MC, 172, 313
Stouthard JML, 436
Subbiah MTR, 20
Sugimoto H, 442
Sugimoto T, 442
Sulkers EJ, 404
Suzuki K, 303
Svensson L, 234

Takagi Y, 190, 346
Talamini MA, 75
Tamura H, 185
Tanaka S, 141
Tanano H, 190
Tashiro H, 141
Tataranni A, 225
Tataranni PA, 9, 134
Teerlink T, 422
Tepper PG, 104
Ter Borg F, 90
Thevanayagam V, 477
Thomford NR, 219
Thompson RL, 256
Tibell A, 417
Timmerman M, 404
Tomiak M, 362
Torigoe Y, 167
Torosian MH, 45
Trelde H, 503
Tsuchiya M, 141
Tzamaloukas AH, 355

Vadgama JV, 477
Valarini R, 214
Van Gaal L, 427
Van Goudoever JB, 404
van Leeuwen PAM, 422
Vansant G, 427
Vazquez WD, 35
Vinnars E, 320

Waddell BE, 81
Wagner DR, 453
Waits M, 359, 525
Waller S, 320
Wang Y, 340
Wang Z, 283
Waring JP, 278
Warner BW, 79
Warshawsky K, 67
Wasa M, 346
Wasa N, 190
Watanabe O, 185
Welbourne TC, 243
Welch SK, 525
Wernerman J, 320
Wesdorp RIC, 422
Wesley J, 291
Westrich T, 308
White JJ, 177
Wiles CE III, 398
WilKer S, 417
Wolper C, 88

Xu D, 159

Yeh SL, 40
Yoshida S, 447
Yoshioka T, 442
Young EA, 387
Yousef KA, 104

Zamir O, 20
Zander M, 234
Zhang F-S, 148
Zhang W, 55
Ziegler TR, 84, 558
Zipf WB, 497
Zumtobel V, 486
Zuppan CW, 177